TECHNICAL DATA SHEET

07 - 12 - 2015	TDST DOC103933 001

Designation	**NINA Timer io**
Reference	**1811407**
Range	**io**

FUNCTIONS



Installation:
- Languages choice: (FR (per default) DE, NL, ES, EN, IT, PL, HU, CZ, RO)
- Pair io homecontrol actuators
- Associate actuators to group
- Name or re-name group
- Name or re-name actuators

Scenarios:
- Create, Modify, Name, Delete Scenarios
- Play scenarios immediatly

- Icon Battery life time

Supervision:
- See and change actuators position.
- Feedback of the actuators movement.

- Maximum actuators **50**
- Maximum Beacons **3**
- Maximum groups **30**
  1 group home, 3 groups floor, 2 groups façade, 15 groups room, 4 groups application types and 5 custom type)
- Maximum actuators per group
  One group (with icon home) = **50**
  Three groups (with icon Floor) = **30**
  Two groups (with icon façade) = **30**
  Group room = **15**
  Group applications types = **30**
  Group Custom = **15**
- Maximum scenarios per group **15**
- Maximum Custom scenarios **30**
- Maximum typical days **8**
- Maximum prog time slot per day **12**
- Maximum scenario per time slot **10**

TECHNICAL SPECIFICATIONS

Remote control	Material	ABS-PC
	Color	Black
	Size	Module 144.7 x60.8 x 22.4 mm
		Dock 150.7x92.2x44.4 mm
		Remote control + Dock station 150.7x92.2x64.5 mm
	Protection factor against solid & splashproof	IP 20
Power supply AC/DC adaptor	Input Voltage	100-240V / 50-60Hz / 300 mA
	Output Voltage	5V / 1500 mA (micro USB)
	Battery	3.7 V Lithium polymer
	Capacity	720 mA
Power supply dock station	USB plug Output Voltage	500 mA
Radio frequency		868.25MHz/868.95MHz/869.85MHz
EIRP (Equivalent Isotropically Radiated Power)		8.5 dBm
Modulation Type		FSK dev. ± 19.2 kHz ± 4 KHz
Protocol		io homecontrol2W
Antenna		Integrated
Temperature range	Storing	-20°C / +60°C
	Working	0°C / +45°C
Drop test		Using: at 20°C 1/face (height: 80 cm)
Cleaning products resistivity		250 cycles
Weight	NINA	117g
	Dock station	205g
	Power supply	35g
	NINA + dock station + power supply	357g

Standard (CE)
Safety of the user : EN EN60950-1
Health of the user : EN 62479
Electromagnetic compatibility : EN61000-6-1_EN61000-6-3_EN301 489-3
Radio Spectrum : EN300220-2

DESCRIPTION



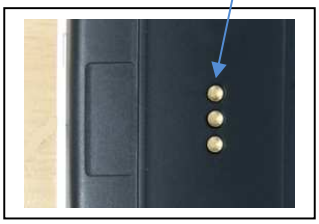
Touch Screen

Contact to charge the NINA on the table holder

Connexion for USB plug. Not functional today

Key button







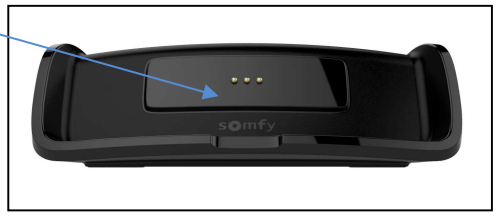
On/Off button

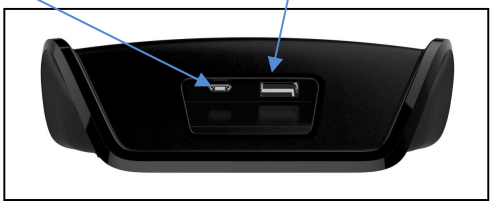


Connexion for USB plug to charge NINA

Connexion for USB plug to charge Smart phone

Table Holder





COMPATIBILITIES

Io homecontrol actuators

Profile :
1 ➔ Interior Venitian Blind
2 ➔ Roller Shutter
2.1 ➔ Adjustable slats rolling shutter
3 ➔ Vertical Exterior Awning
4 ➔ Window opener
4.1 ➔ Window opener with integrated rain sensor
5 ➔ Garage door opener
6 ➔ Light (On/Off and Dimming)
7 ➔ Gate opener
7.58 ➔ Gate opener only supporting Open-Close
9 ➔ Door Lock
10 ➔ Vertical Interior Blinds
15 ➔ On/Off switch
16 ➔ Horizontal Awning
16.1 ➔ Pergola Rail Guided Awning
17 ➔ Exterior Venetian Blind
19 ➔ Curtain track
23 ➔ Intrusion Alarm

Smoove UNO io

Other io homecontrol actuators (Up / Stop / Down functions with generic icon)

 **NOT COMPATIBLE with io homecontrol sensors**

Profile:
1 ➔ Light inside
B ➔ Light outside (sun sensor)
2 ➔ Temperature inside
3 ➔ Temperature outside